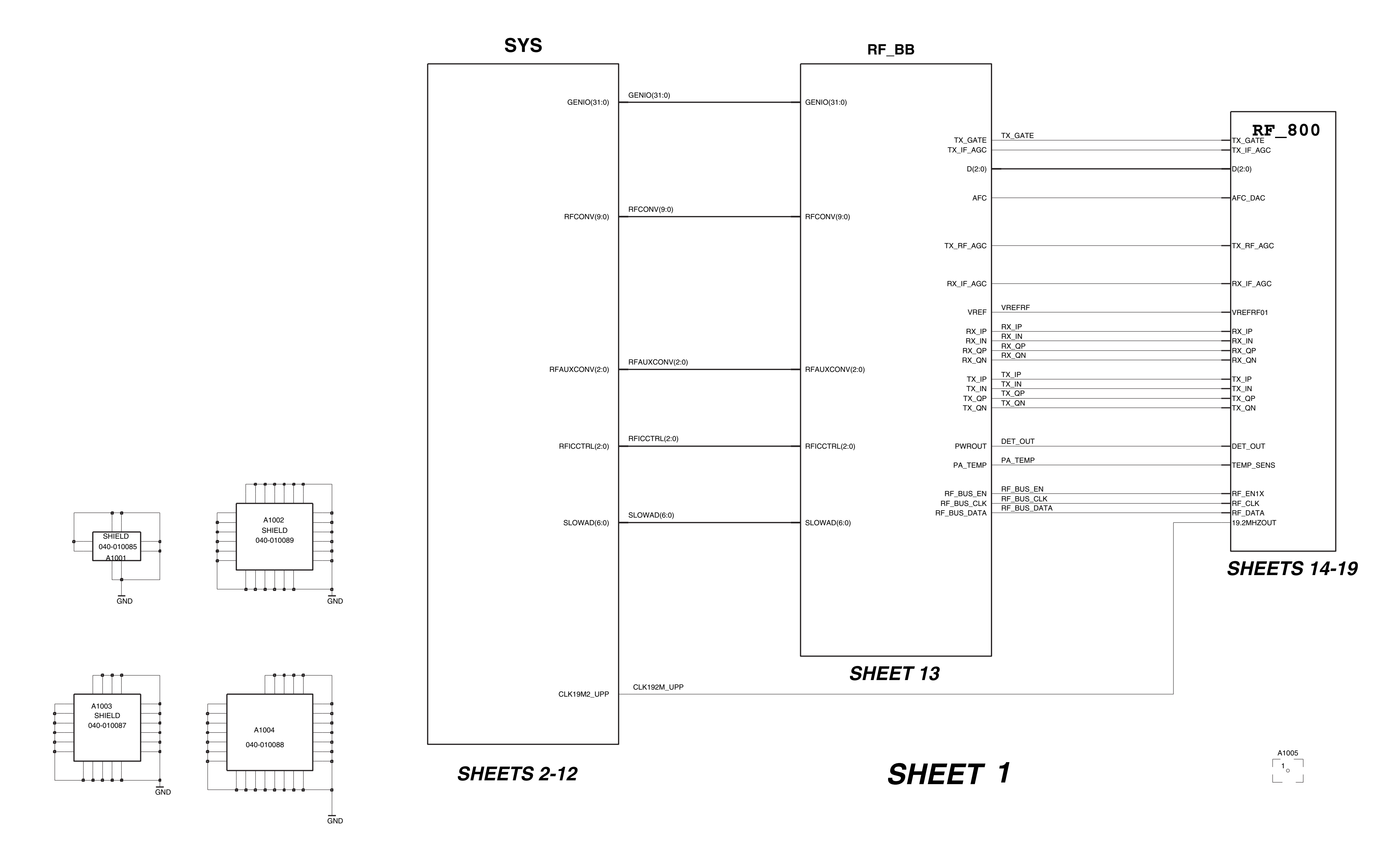
Schematics - Main PWB

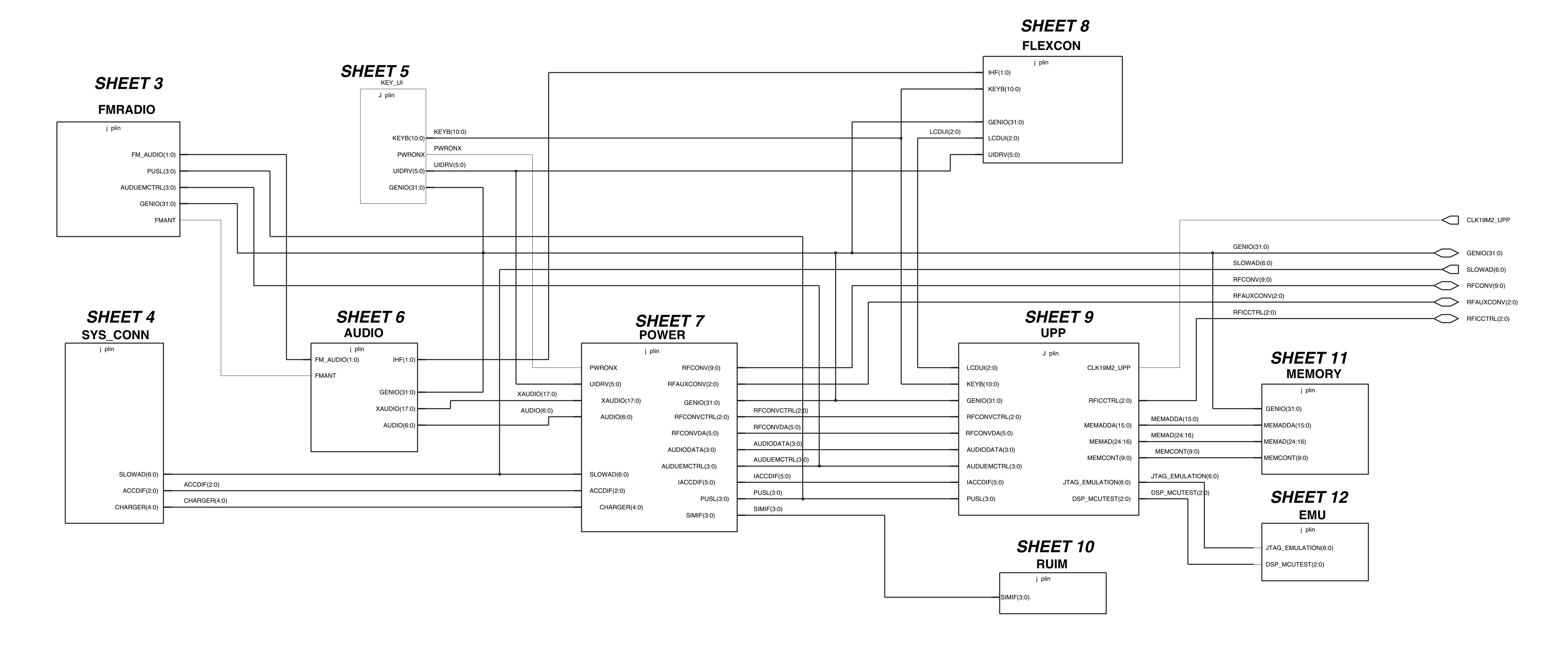
Top Level

Version 7



Baseband Top Level

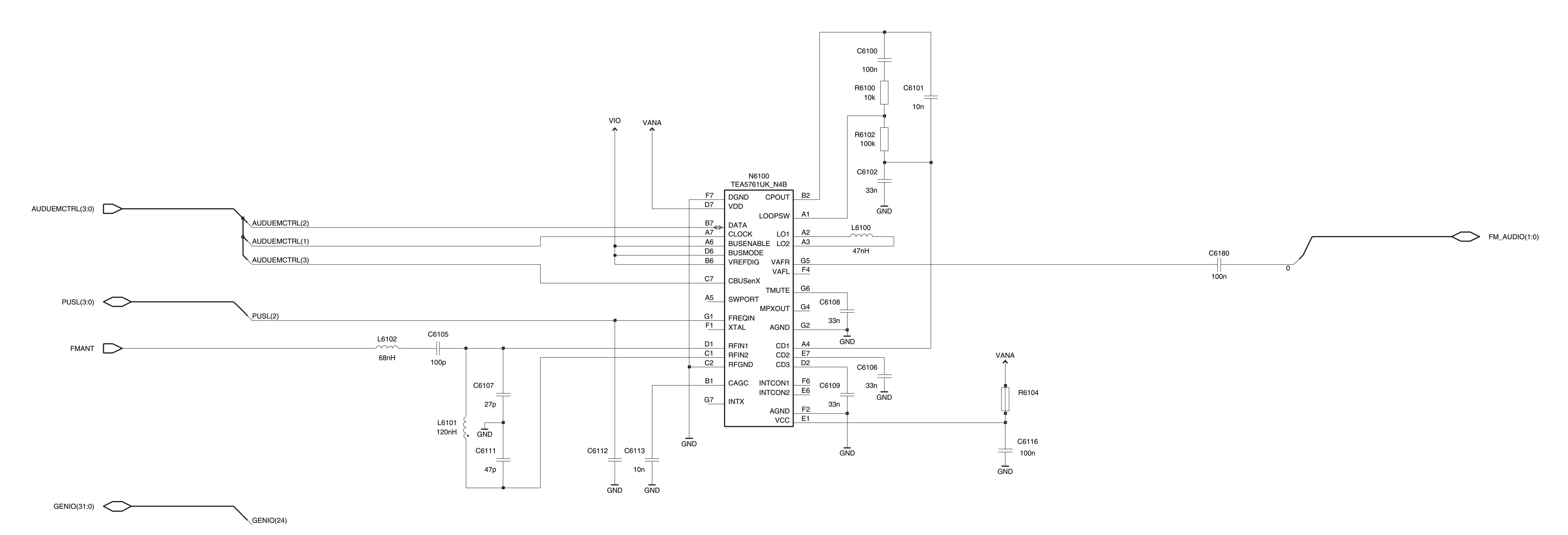
Version 7



FM Radio

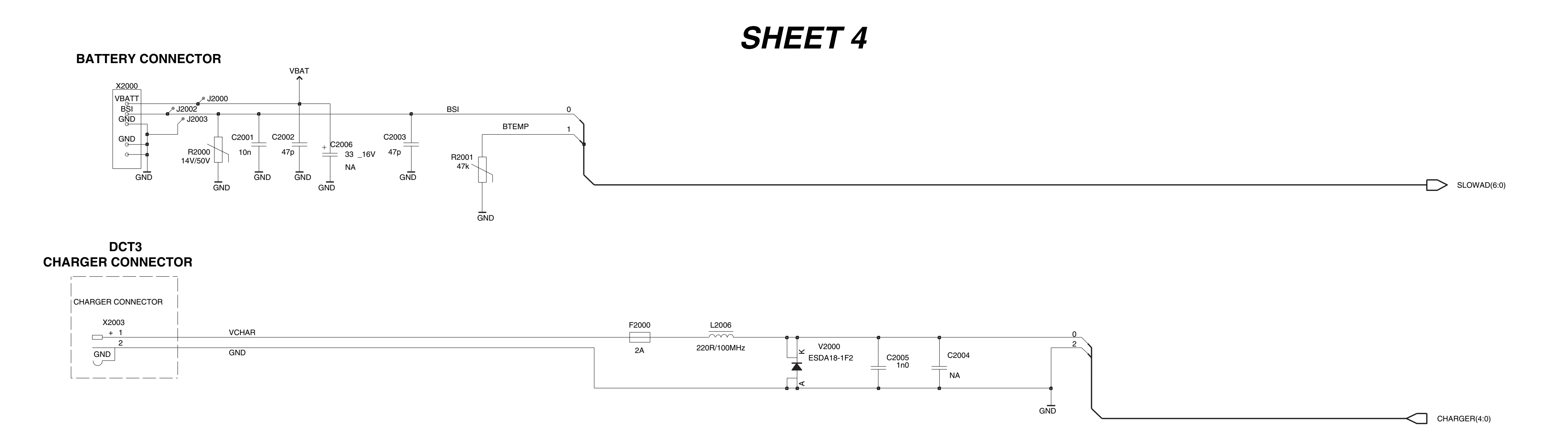
Version 7

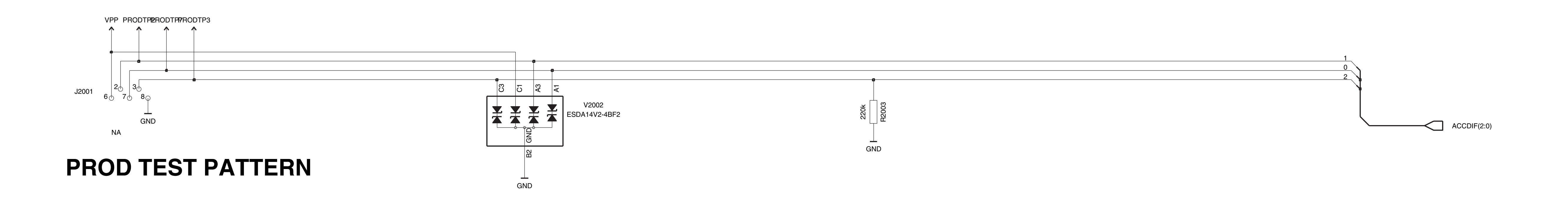
SHEET 3



System Connector

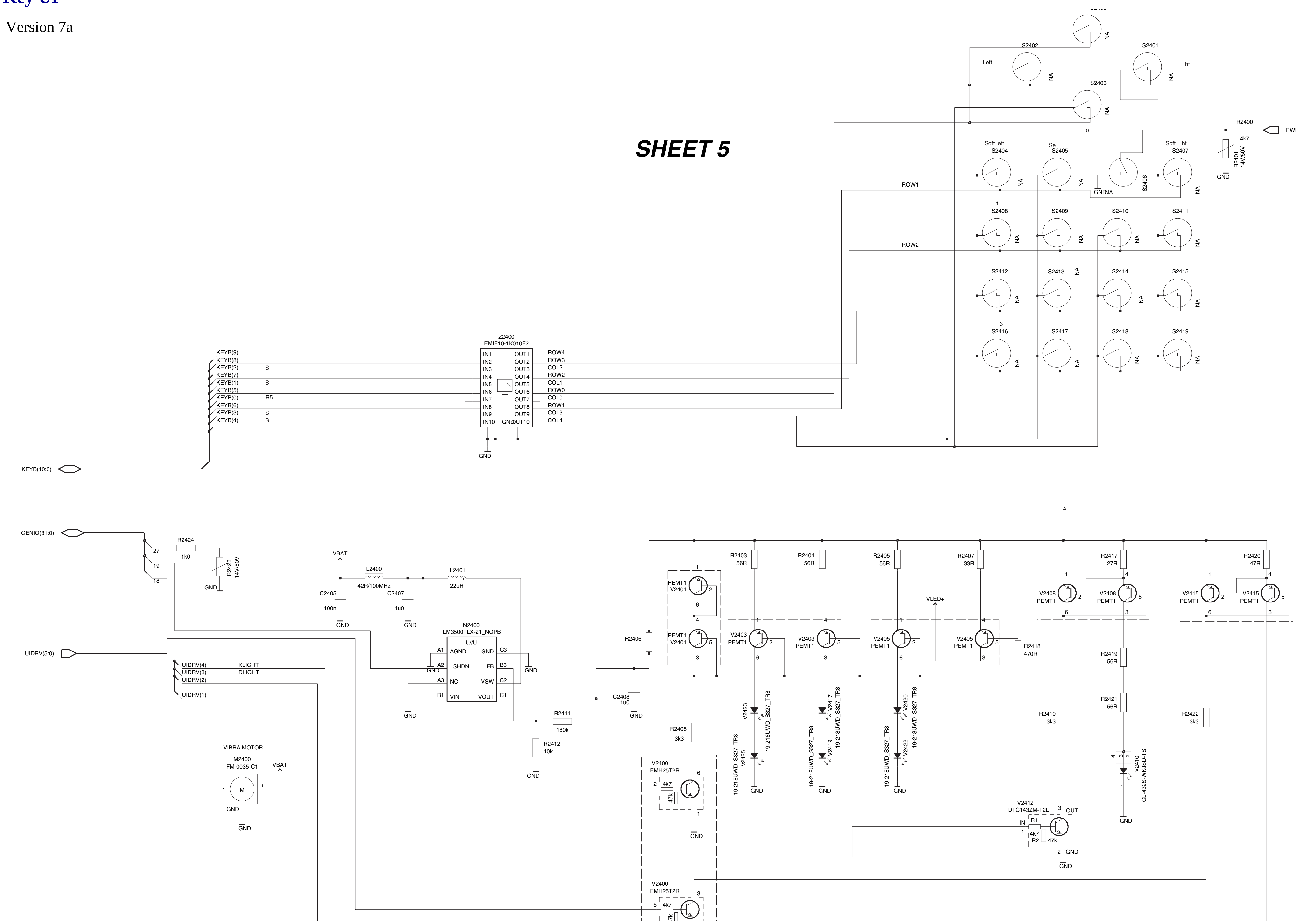
Version 7





Key UI

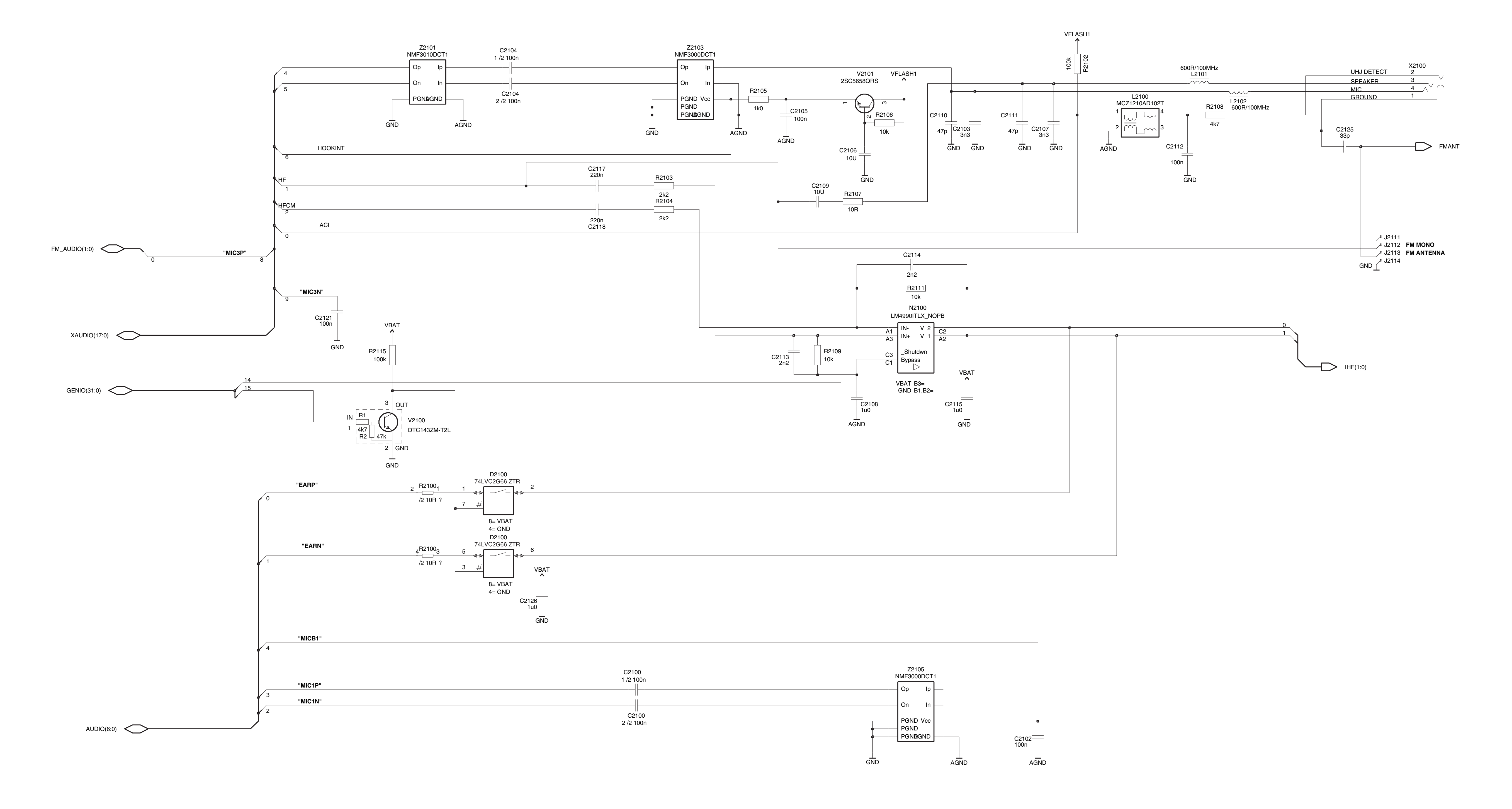
Version 7a



Audio

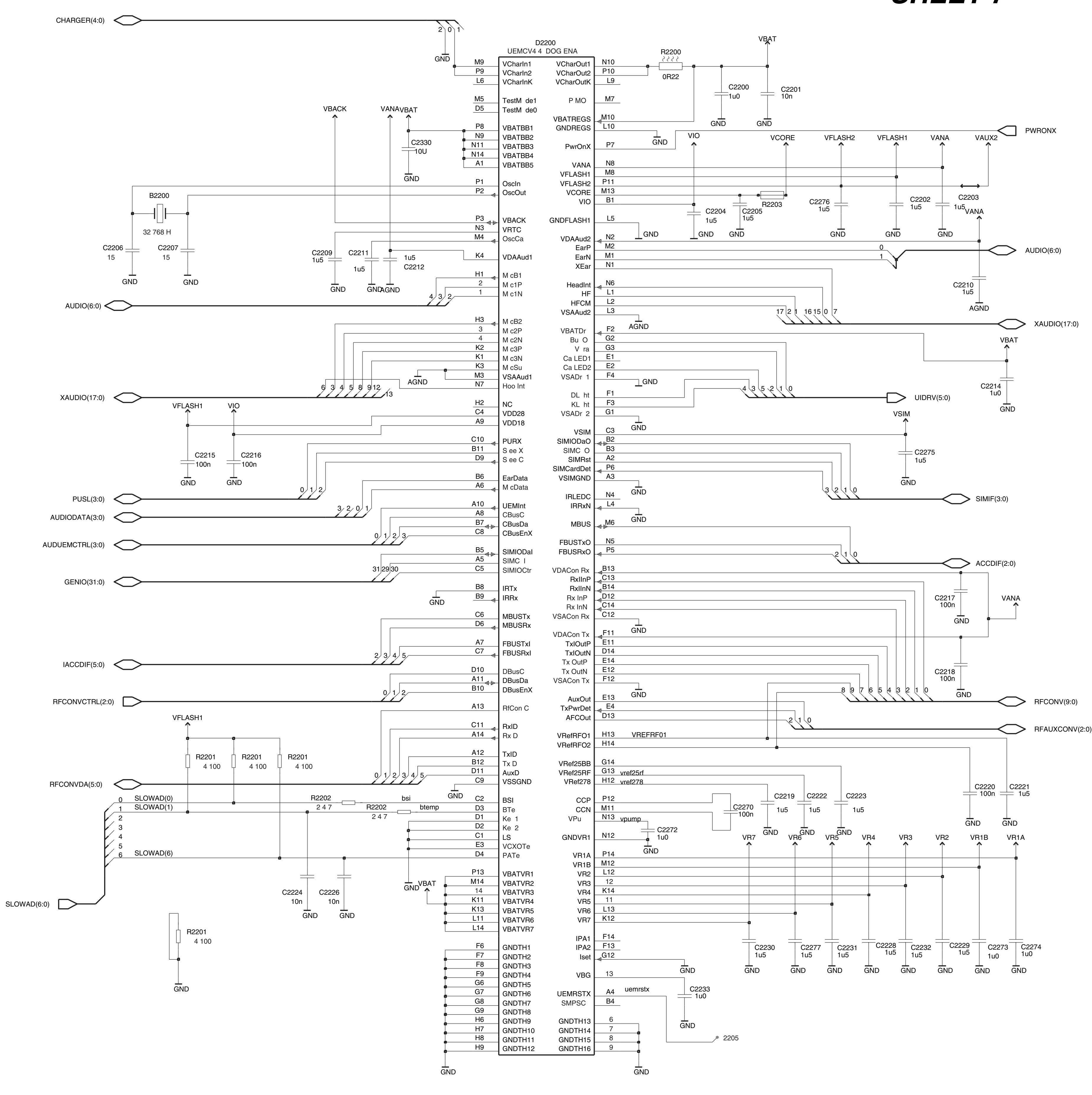
Version 7

SHEET 6



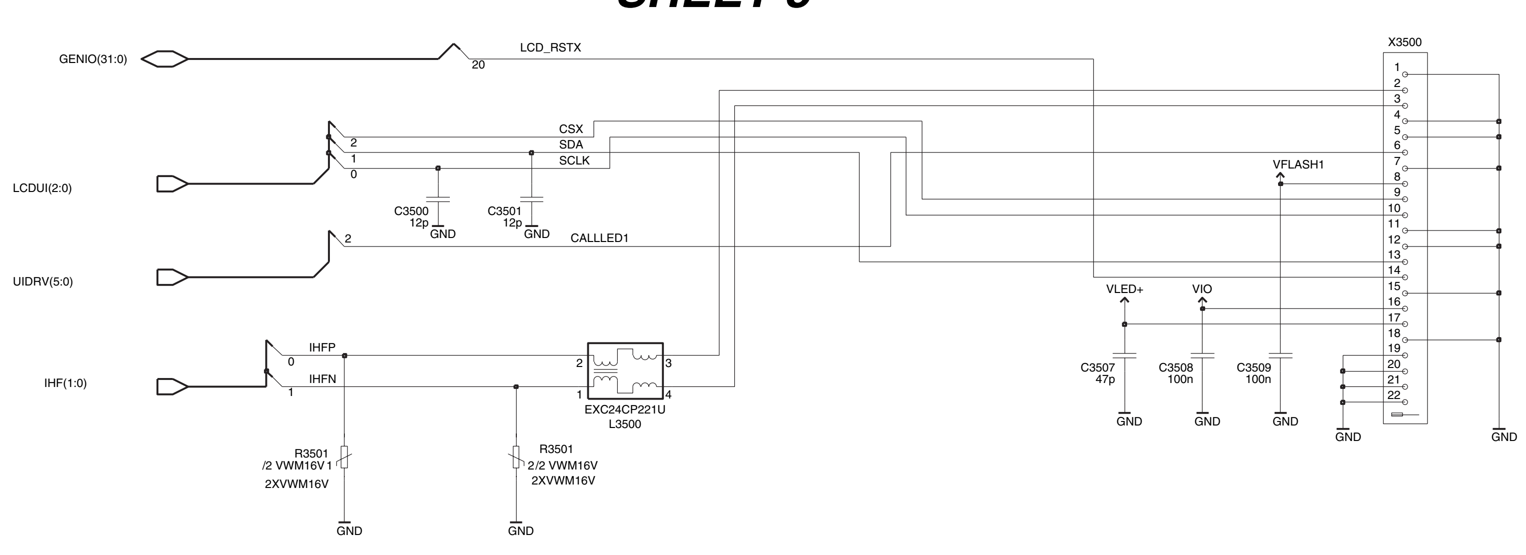
Power UEMC

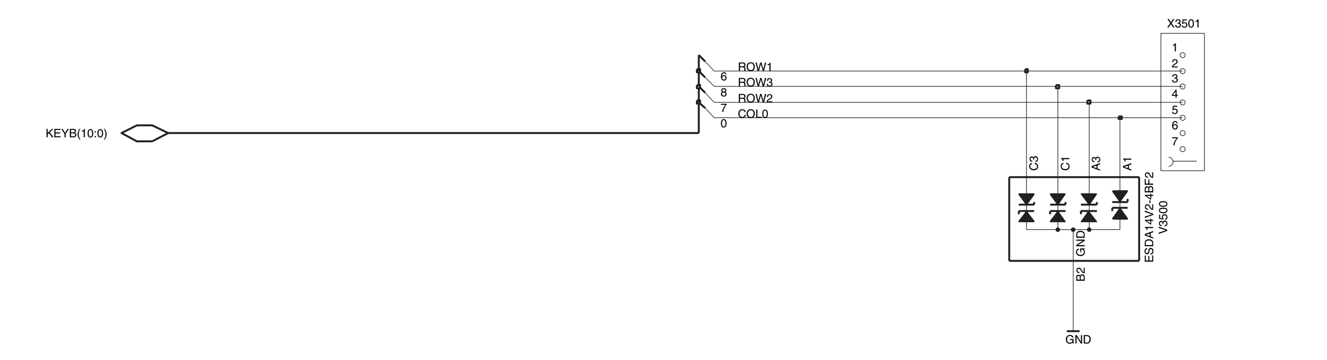
Version 7



Flex Connector

Version 7

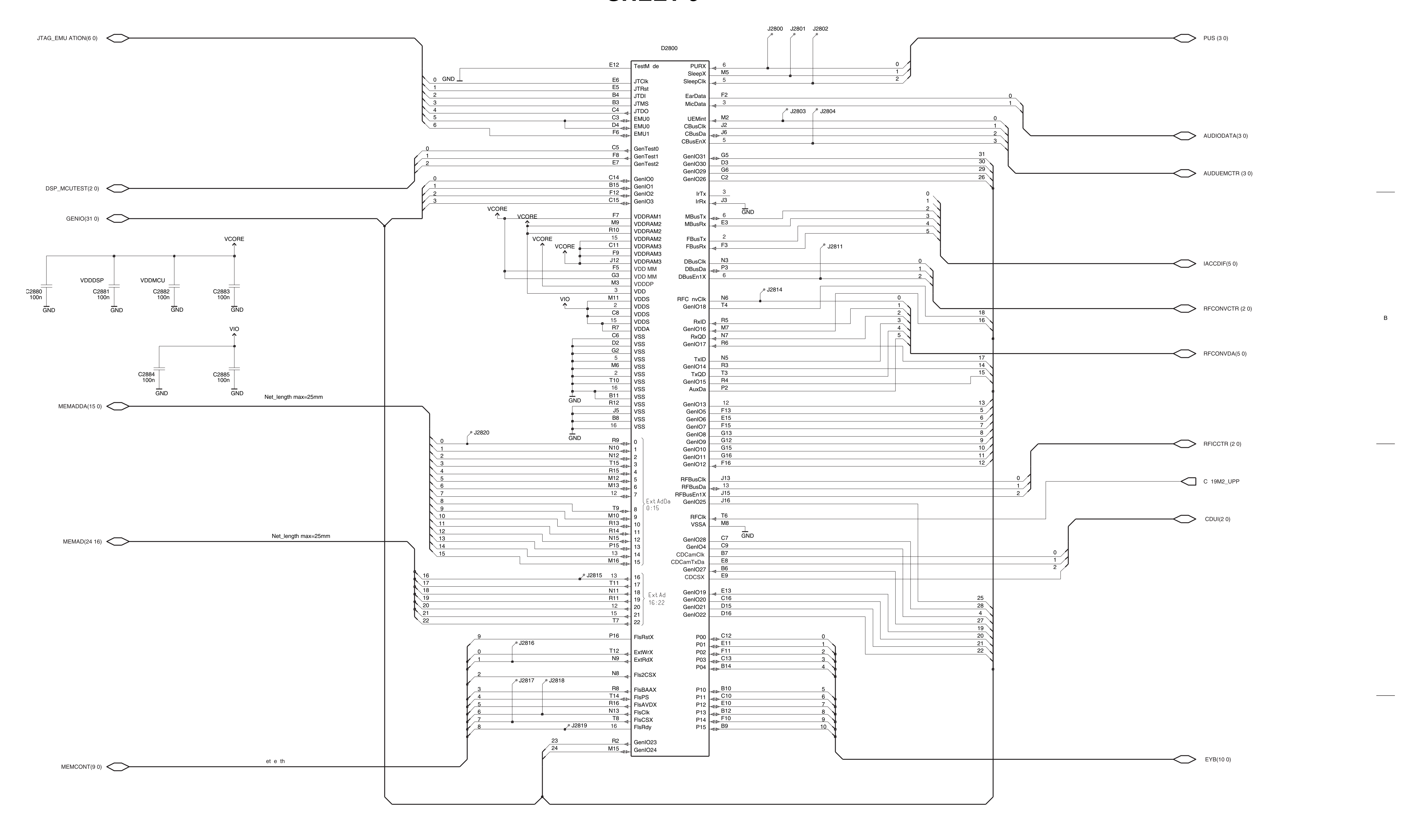




UPP

Version 7

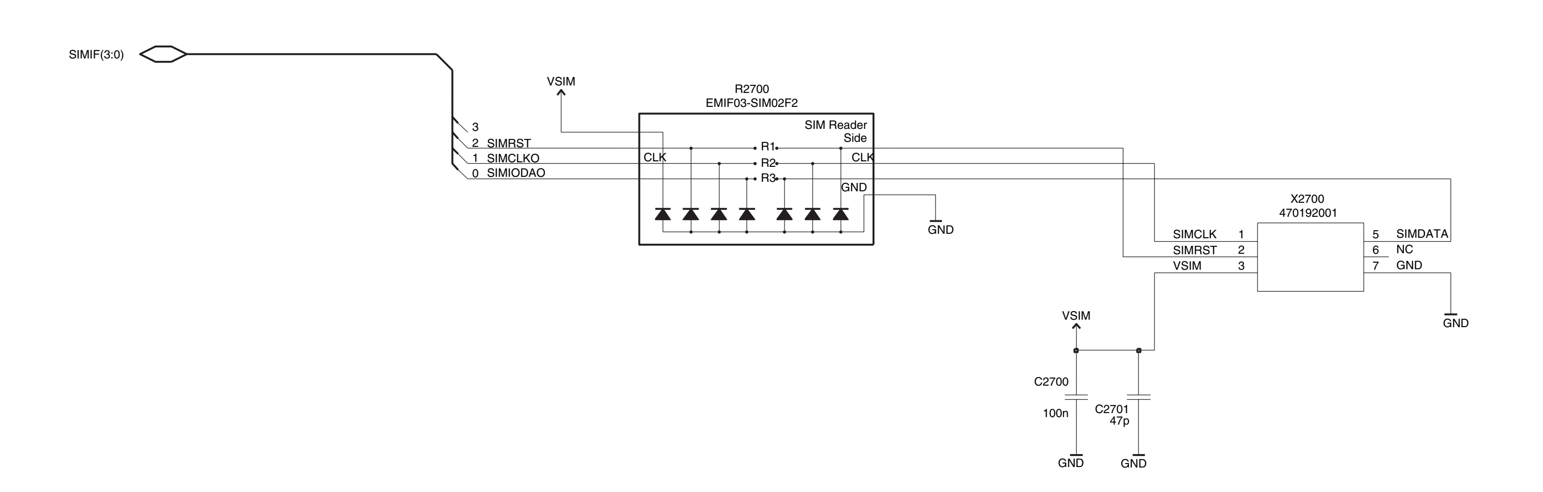
SHEET 9



RUIM Card Connector

Version 7

SHEET 10

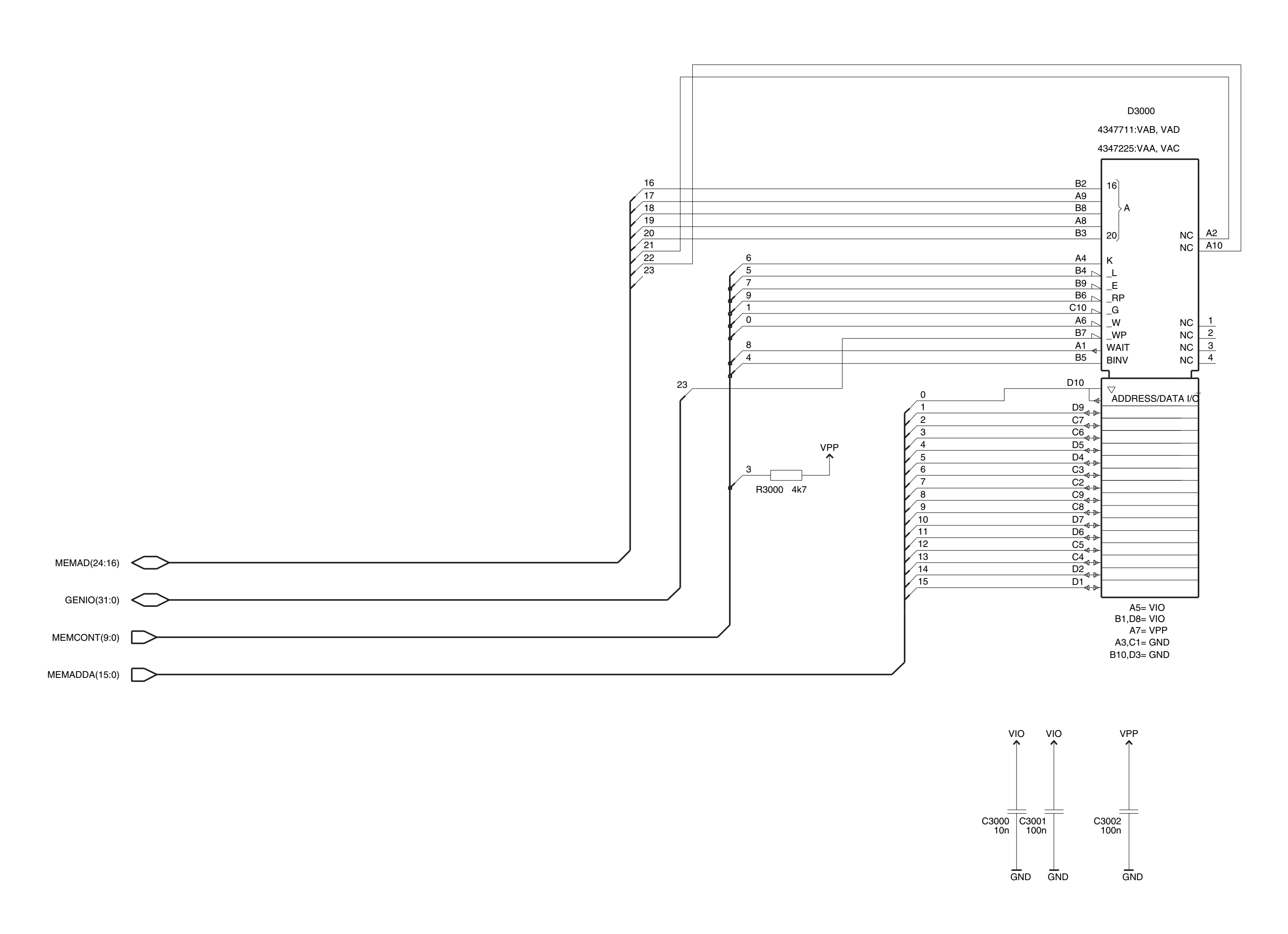


NOT POPULATED ON NON-RUIM MODULES

Memory

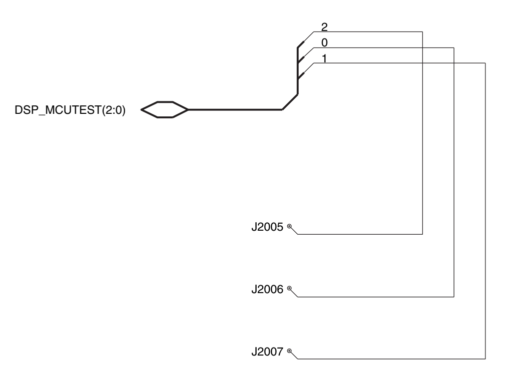
Version 7

SHEET 11



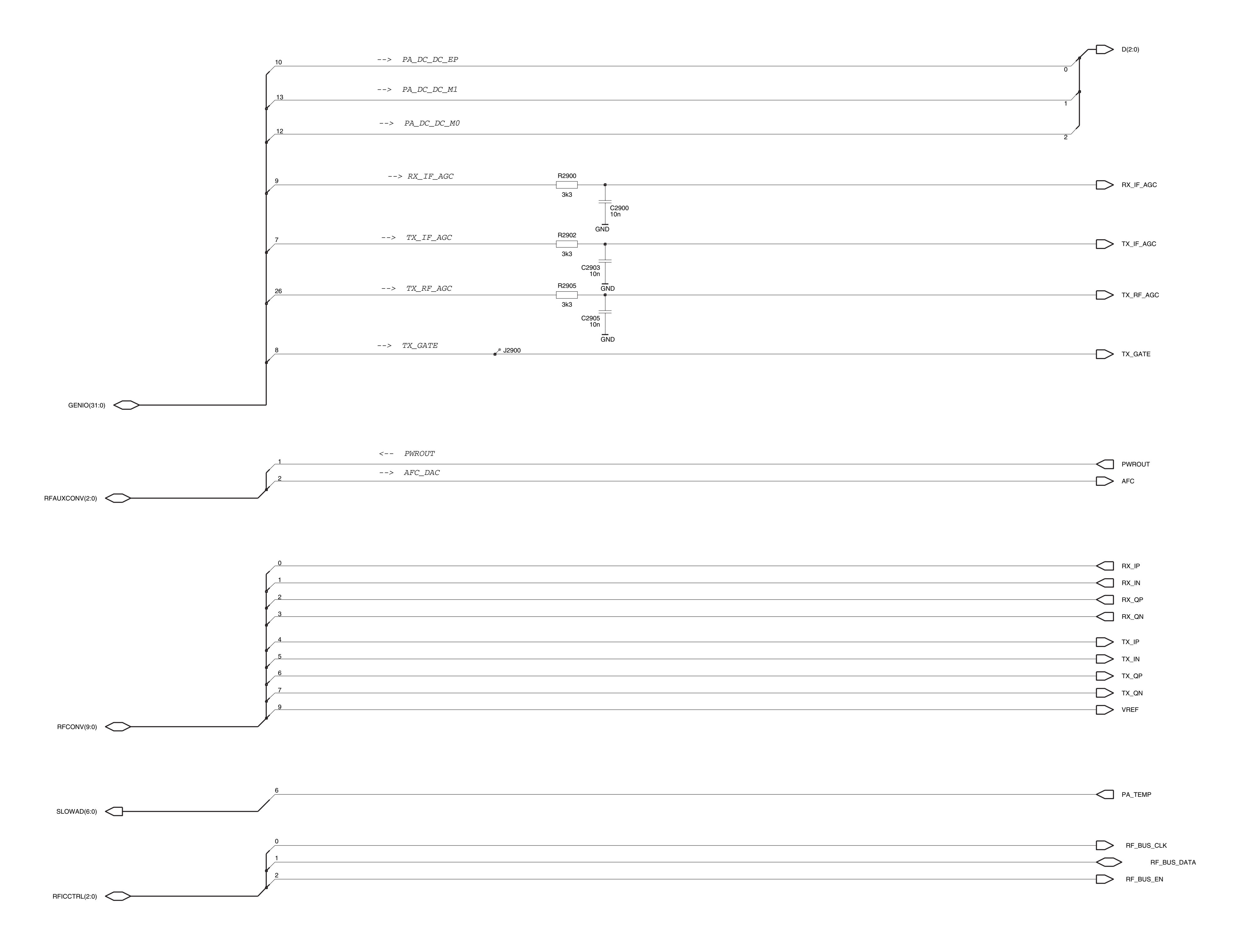
Ostrich Connector

Version 7



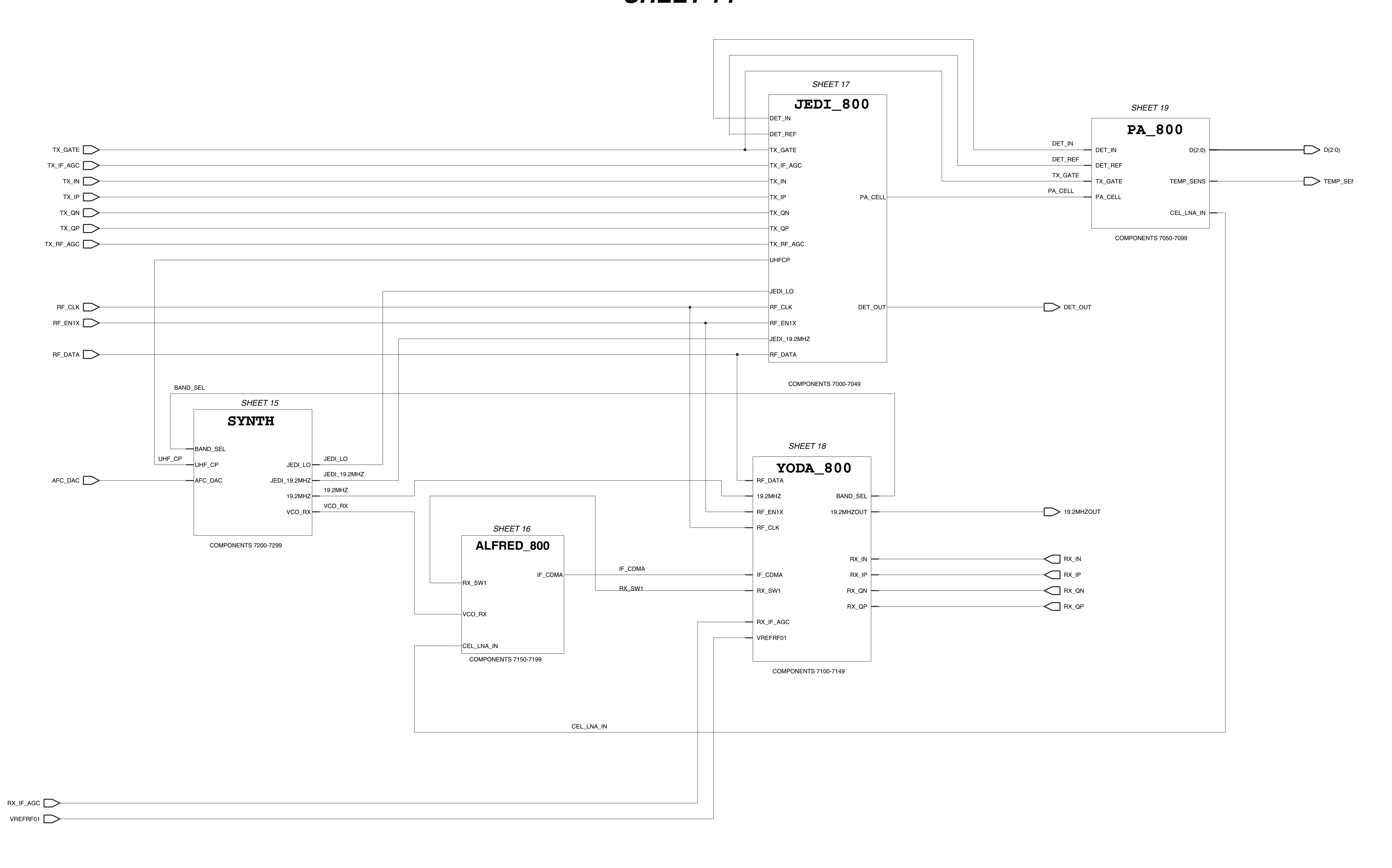
Baseband RF Interface

Version 7



RF Top Level

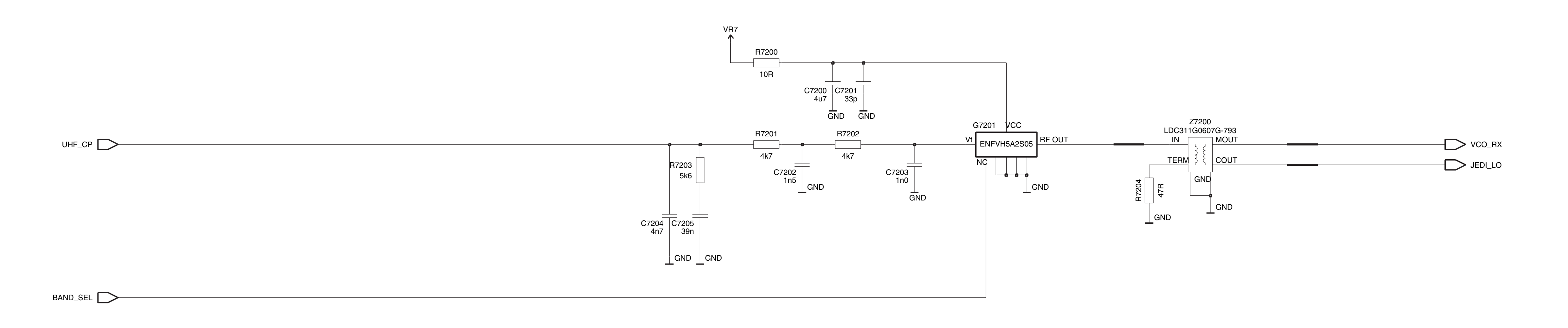
Version 7

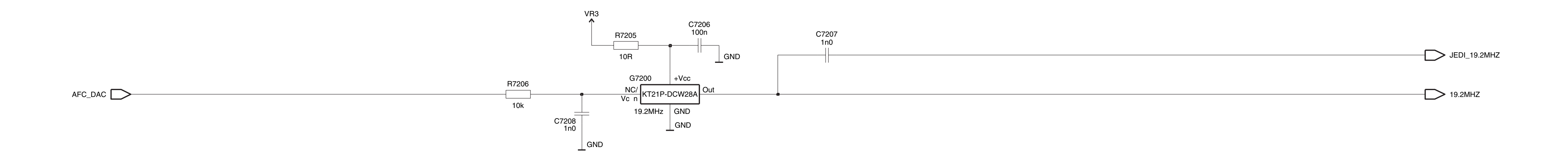


Synthesizer

Version 7

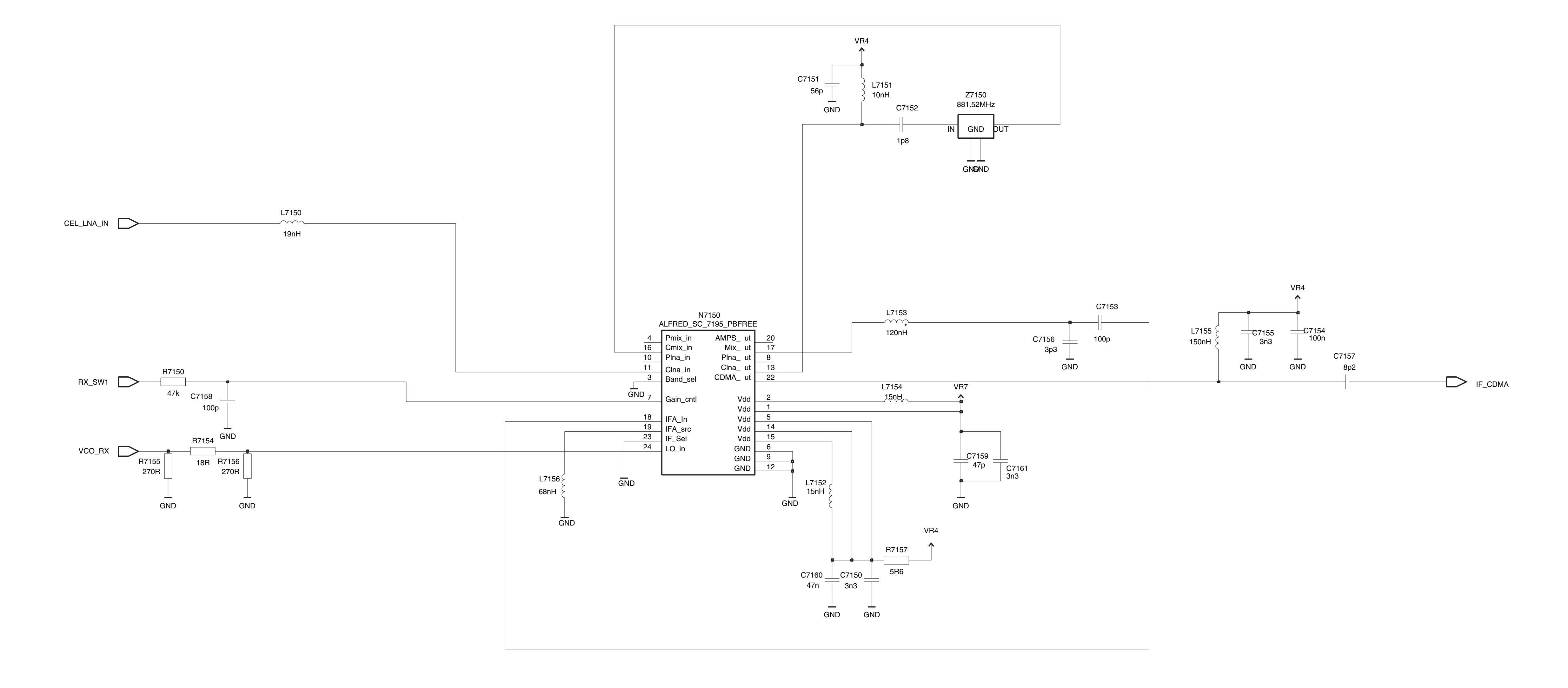
SHEET 15





Front End – Receiver

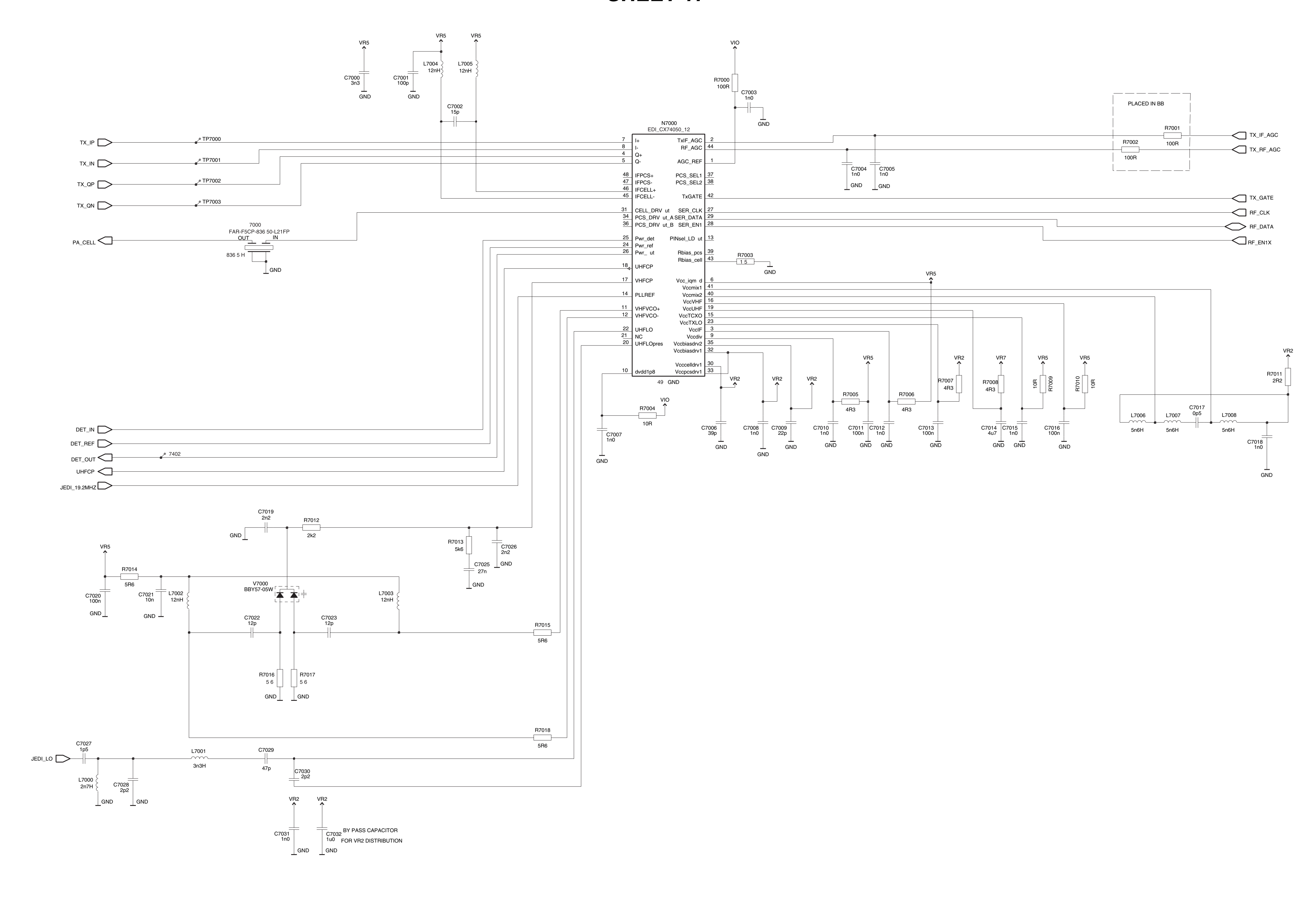
Version 7



Transmitter

Version 7

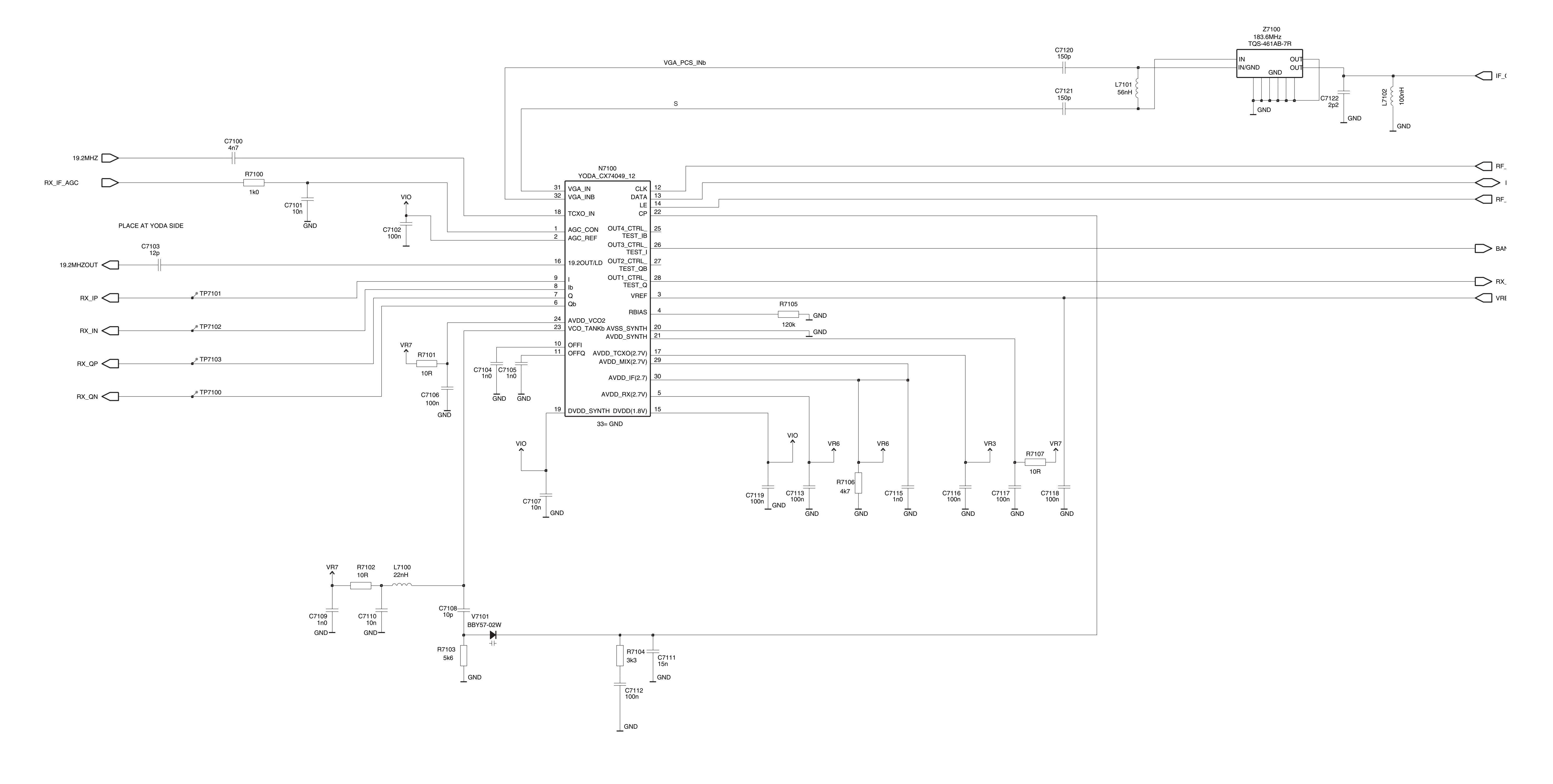
SHEET 17



Receiver

Version 7

SHEET 18



Power Amplifier

SHEET 19

Low Tx Power
High Tx Power

AMPS
Mode
CELL

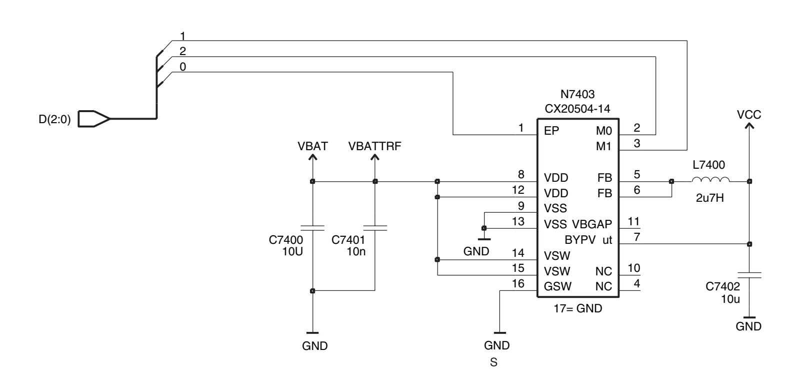
X7400
X7401
C7412 3p9
L7403 68nH
L7405 4n7H
L7404 4n7H

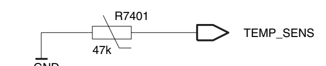
N7402 STPAC01F2
RFIn VTemp DC out Gnd1 Bias Gnd2 Gnd1 Gnd1
C3 C2 C1 B3 A2 A3 B1 B2
DET_REF
DET_IN
VR2
C7408 1p0
L7402
L7401 33nH
R7400 2k7
C7409 100n
C7410 33n

ORCA
N7400 RF9349_E6.1
RFin RF out Vbias Vcc1 Vcc2 Vref
3,6,7,9,11= GND
PA_CELL
VCC
VBAT
C7403 10u
C7404 470p
C7405 150p
C7406 10n

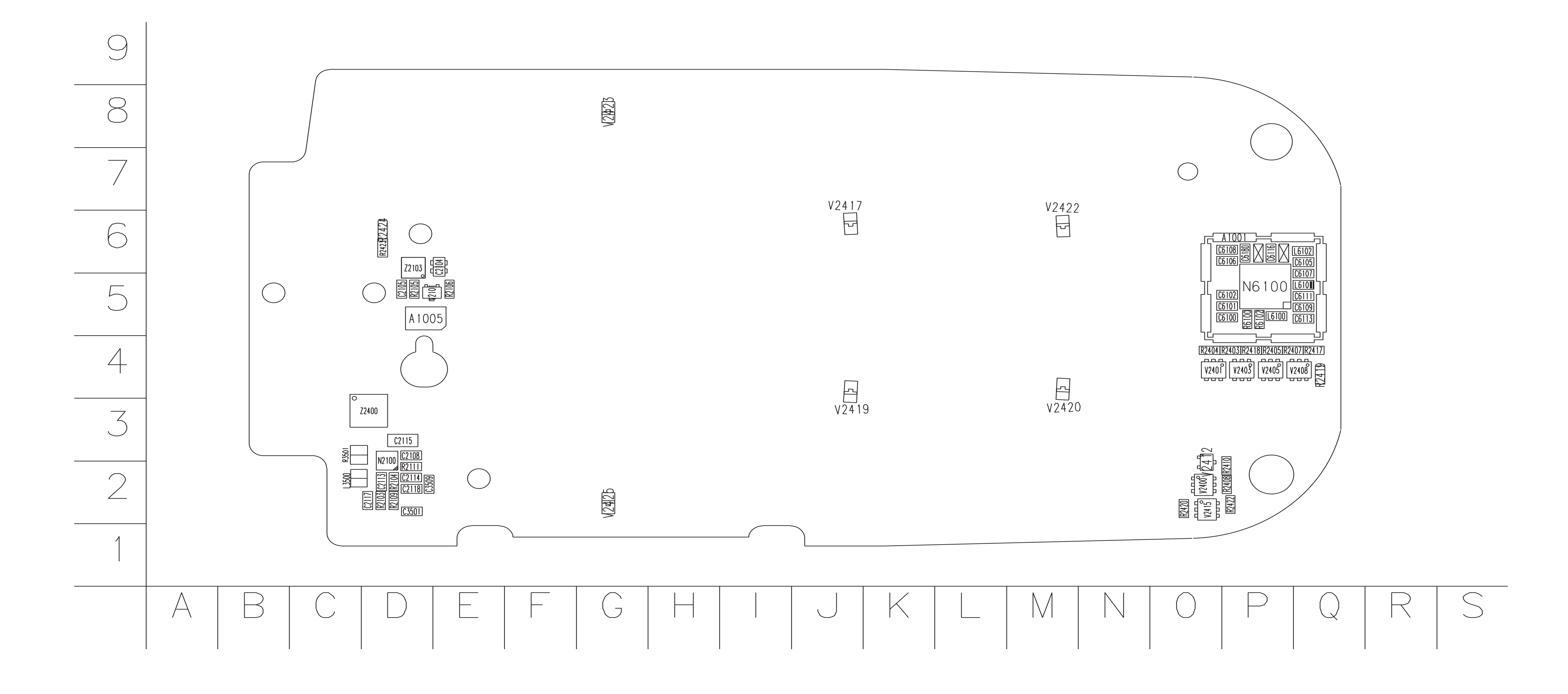
CELLULAR
R7402
L7406
C7413
Z7400 ESI-5BBR0836M01-T
IN OUT
Z7401 DUPLEX FILTER
TX ANT RX
CEL_LNA_IN

N7401 EMD3T2R
VR1A
R1 R2
C7407 1n0
TX_GATE
GND





2355 Component Layout - Top



2355 Component Layout - Bottom

